



State of Illinois
ENVIRONMENTAL PROTECTION AGENCY
MEMORANDUM

DATE: September 13, 2010

TO: Division Files - Bureau of Land

FROM: Chris Cahnovsky – Collinsville Region

SUBJECT: 1198010003 – Madison County
Estate of Chemetco
FOS File

On September 2, 2010, Michelle Cozadd and I met with Jorge Garcia with the Estate of Chemetco. AIS personnel were not on site due to the upcoming Labor Day holiday.

DOME BUILDING

The floor of the Dome Building has been cleaned and the foundation is ready to be used as a decontamination area. The storm water that collects in the foundation is being pumped to the South Cooling Canal. Decon water is being managed in a frac tank.

FINES BUILDING

More material has been moved to the Fines Building from the Tank House. The door or tarp to close the entrance has not been put up yet.

TANK HOUSE

AIS has completed about 2/3 of the demolition of the tank cells within the Tank House. The lead liners have been removed from the demolished tank cells. The lead liners have been consolidated on top of the concrete foundation of the former Black Acid Tank. The concrete cells have been placed into two piles. The concrete cells contain a large amount of rebar. The concrete surface is stained green from the former electrowinning process. The concrete cells have been sampled. I explained to Mr. Garcia that if the sample results show that the concrete is hazardous then it would have to be managed as a hazardous waste. If the sample results show that the concrete was non-hazardous the concrete would be considered a special waste and must go to a permitted landfill. The concrete could not be used as fill or sent to an aggregate recycler.

The concrete appears to be easily crumbled. Cell concrete appeared to be mixed with debris that was already on the floor. The floor concrete and debris is most likely a hazardous waste. I pointed this out to Mr. Garcia. He stated that he would bring this to the attention of AIS.

The maintenance area, boiler room, store room and other areas of the Tank House have been cleaned out. Debris from this removal has been placed into two 40 yard roll off boxes. One box contained hazardous waste. This box contained wood, dust, rags, metal and insulation. The other roll off box was empty. A third container was filled with scrap metal. The chemicals that were collected during the cleanup have been moved to a small concrete building just outside the Tank House. Some chemicals were moved just outside the Tank House.

The Black Acid tank has been removed from the Tank House. This tank has been cut in half.

The area had received about 2/3 of an inch of rain previous to this site visit. I looked at the west storm water collection trench and the North/South Cooling Canals. The pump at the west storm water trench was not pumping water. The North/South Cooling Canals appeared to have capacity. They had not overtopped due to the rain event.

cc: Regional Files
cc: Erin Rednour
cc: Michelle Kerr - USEPA